IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Art Unit:

Story et al.

Examiner:

Serial No.:

Date: January 25, 2001

Filed: January 25, 2001

For:

NARROW BAND SHADOW ENCODER

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS EXPRESS MAIL IN AN ENVELOPE ADDRESSED TO:

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DISCLOSURE STATEMENT UNDER RULE 56

Honorable Commissioner of Patents and Trademarks, Washington, D.C. 20231

SIR:

It is respectfully requested that the art listed below be considered in the examination of the subject application and made of record therein. A copy of the art listed below is enclosed.

discloses (FIG. 1) complementary comb filters 2,3

Phillips et al.

and frequency shift circuit 4

May 31, 1988

10205.028 PATENT

5,386,465 discloses (FIG. 2) complementary comb filters 42,

Addeo et al. 52 and frequency scaler 60;

January 31, 1995

5,455,543 technical background; modulator/ multipliers

Kechkaylo

October 3, 1995

5,455,544 technical background; modulator/ multipliers

Kechkaylo

October 3, 1995

Brennan, Paul V., Phase-Locked Loops: technical background; discloses multiplier circuit in

Principles and Practice, R.R. Donnelley & FIG. 2.2;

Sons Company (1996), pages 8-9

It is respectfully submitted that the invention as described and claimed is not disclosed or suggested by the prior art listed above.

Respectfully submitted,

Paul F. Wille

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INFORMATION DISCLOSURE CITATION					Attorney Docket No. 10205.028		Group	o Ta	
					Applicant Story et al.		Serial No.	09/769564	
							Filing Date January 25, 2001		
				U.S. PA	ATENT DOCUMENTS				
Init.		Document Number	Date	Name		Class	Sub-class	Filing Date	
128		4748663	5-88	Phillips et al.		379	388		
QS.		5386465	1 - 9 5	Addeo et al.		379	202		
VS.		5455543	10-95	Kechkaylo		332	103		
128		5455544	10-95	Kechkaylo		332	103		
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				FOREIGN	PATENT DOCUMENTS				
	Doci	ument Number	Date	Name		Class	Sub-class	Translation	

<u> </u>			THER DOCU	MENTS (Includia	ng Author, Title, Date, I	Pertinent Pages	, Etc.)		
Ks		Brenn	an, Paul V.,	Phase-Locke	ed Loops: Principles	and Practic	ce,	:	
•		R.R. Donnelley & Sons Company (1996), pages 8-9							
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.